

Figure S1: The UV-Vis spectra of the DOX@PPG modified materials, before and after drug release for 7 days in buffer solution with pH=7.4 and pH=5.5.

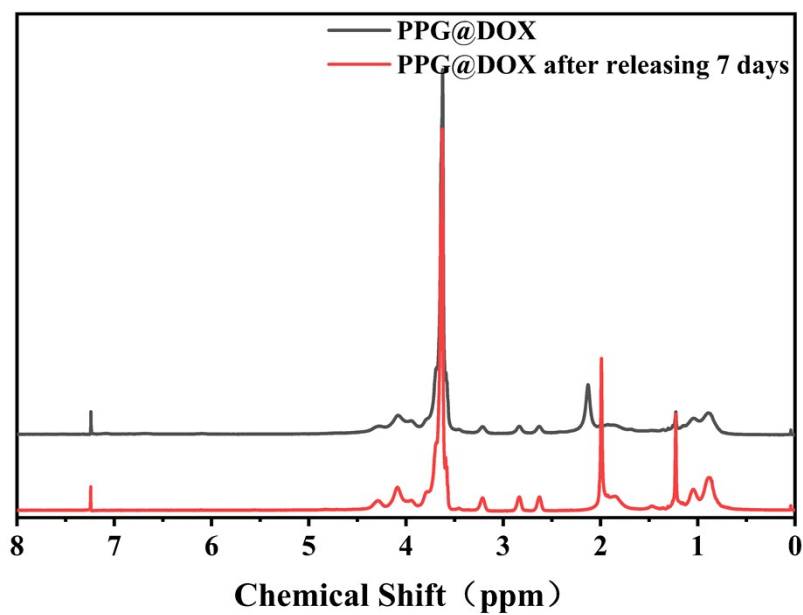


Figure S2. The ¹H-NMR spectra of the materials before and after released for one week.

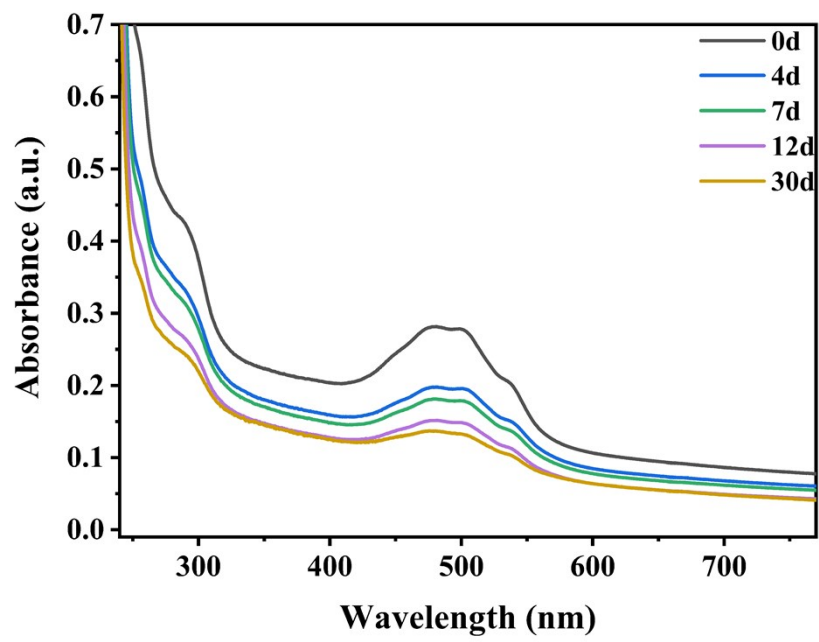


Figure S3. The UV-Vis spectra of the drug release process in buffer solution with pH=5.5.